

Substitute for form 1449A/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/941,424	
		Filing Date	August 28, 2001	
		First Named Inventor	Curtis E. Jutzi	
		Art Unit	2611	
		Examiner Name	Gary Au	
Sheet		of	Attorney Docket Number	42390P11870

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
GA		US-4566030	01-21-1986	Nickerson et al.	
GA		US-4546382	10-08-1985	McKenna et al.	
GA		US-4624578	11-25-1986	Green, David L.	
GA		US-5388211	02-07-1995	Hombuckle, Gary D.	
GA		US-5740549	04-14-1998	Reilly et al.	
GA		US-5734890	03-31-1998	Case et al.	
GA		US-6012051	01-04-2000	Sammon et al.	
GA		US-5974398	10-26-1999	Hanson et al.	
GA		US-6226618	05-01-2001	Downs et al.	
GA		US-5838678	11-17-1998	Davis et al.	
GA		US-5848396	12-08-1998	Gerace, Thomas A.	
GA		US-5999908	12-07-1999	Abelow, Daniel H.	
GA		US-5227874	07-13-1993	Von Kohorn, Henery	
GA		US-5991735	11-23-1999	Gerace, Thomas A.	
GA		US-6513014	01-28-2003	Walker et al.	
GA		US-5664091	09-02-1997	Keen	
GA		US-5727002	03-10-1998	Miller et al.	
GA		US-6002852	12-14-1999	Birdwell et al.	
GA		US-6148005	11-14-2000	Birdwell et al.	
GA		US-6289012	09-11-2001	Harrington et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.*	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code* - Number* - Kind Code* (if known)				
GA		WO 00/59204	10-05-2000	Diva System Corporation		
GA		WO 97/26729	07-24-1997			
GA		EP 0902569 A1	03-17-1999			
GA		WO 99/44159	09-02-1999			
GA		EP 1028551 A2	08-16-2000			
GA		WO 00/64165	10-26-2000			
GA		WO 01/15451 A1	03-01-2001			
GA		WO 01/15449 A1	03-01-2001			
GA		WO 01/17195 A2	03-08-2001			
GA		EP 1089201 A1	04-04-2001			

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GA		US-642625	07-23-2002	Larsson et al.	
GA		US-6570843	05-27-2005	Wolfgang	
GA		US-5075771	12-24-1991	Hashimoto	
GA		US-5483278	01-09-1996	Strubbe et al.	
GA		US-5534911	07-09-1996	Levitan	
GA		US-5559549	09-24-1996	Hendricks et al.	
GA		US-5585838	12-17-1996	Lawler et al	
GA		US-5724345	03-03-1998	Guarneri et al.	
GA		US-5751282	05-12-1998	Girard et al.	
GA		US-5768681	06-16-1998	Dan et al.	
GA		US-578182	07-07-1998	Cathy et al.	
GA		US-5790935	08-04-1998	Payton	
GA		US-5801753	09-01-1998	Eyer et al.	
GA		US-5867799	02-02-1999	Lang et al.	
GA		US-5920700	07-06-1999	Gordon et al.	
GA		US-5930493	07-27-1999	Ottesen et al.	
GA		US-5937411	08-10-1999	Becker	
GA		US-5940738	08-17-1999	Rao	
GA		US-5945988	08-31-1999	Williams et al.	
GA		US-5973683	10-26-1999	Cragun et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document Country Code* - Number* - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
GA		WO 01/72042 A1	09-27-2001			
GA		WO 01/93524 A2	12-06-2001			
GA		WO 02/48863 A2	06-20-2002			
GA		WO 02/104030 A1	12-27-2002			
GA		WO 02/103940 A2	12-27-2002			
GA		WO 02/104031 A1	12-27-2002			
GA		WO 02/103941 A2	12-27-2002			
GA		WO 03/028381 A2	04-03-2003			
GA		WO 03/030540 A2	04-10-2003			
GA		WO 03/061245 A1	07-24-2003			

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		First Named Inventor	Curtis E. Jutzi
		Art Unit	2611
		Examiner Name	Gary Au
		Attorney Docket Number	42390P11870

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
GA		Business wire, "MessageMedia Launches SupportView", November, 1999	
GA		Foremski, Tom, New digital technology is putting more choice in the hand of traditional TV audiences who will increasingly be able to decide their own programme schedules, March 3, 1999, Financial Times, Surveys, p17.	
GA		Ren-Hung Hwang, et al., "Scheduling Policies for an VOD System over CATV Networks", Department of Computer Science & Information Engineering © 1997. Pages 438-442.	
GA		HU, Qinglong, et al. "Power Conservative Multi-Attribute Queries on Data Broadcast", Data Engineering, 2000. 16th International Conference San Diego, CA. Pages 157-177.	
GA		Gummalla, A.C.V., et al., "An Access Protocol for a Wireless Home Network", Wireless Communications and Networking Conference, 21 September 1999, pages 1392-1396.	
GA		Information Technology - Genetic Coding of Moving Pictures and Associated Audio: Systems, Recommendation H.222.0, ISO/IEC 13818-1, Nov.13, 1994. Pgs. 1-165.	
GA		Stephan Hartwig, et al., "Broadcasting and Processing of Program Guides for Digital TV", SMPTE Journal, SMPTE, Inc., Scarsdale, N.Y., Vol. 106, No. 10 October 1997. Pages 727-732, XP000668926.	
GA		"Program and System Information Protocol for Terrestrial Broadcast and Cable, (Revision A) and Amendment No.1. Advanced Television Systems Committee. December 23, 1997, 135 pages.	
GA		"Digital Video Broadcasting.(DVB) Specification for Service Information (SI) in DVB Systems," ETSI EN 300 468, Volume 1.4.1. (2000-11) European Standard (Telecommunications series), Pages 1-83.	
GA		Wieland Holfelder, "Interactive Remote Recording and Playback of Multicast Videoconferences", Sept. 10, 1997; Pages 450-463. XP002088645.	
GA		Dr. P. Haubner, et al., "Netzdienste für Multimediale Anwendungen CSCW - Mbone," Teleseminar Multimedia Systeme - Technologie und Gestaltung WS 95/96, 1996: Pages 1-20, XP002248684. No Translation.	
GA		INTEL: Intel Architecture Labs. Internet and Broadcast: The Key To Digital Convergence. Utilizing Digital Technology to meet Audience Demand. Pages 1-4. Copyright 2000.	
GA		INTEL: Intel Architecture Labs. Client Infrastructure for Internet - Based Data Services for Digital Television: Enabling A New Class of DTV Services. Copyright 2000 Pages. 1-10.	
GA		Enhanced Digital Broadcast, Web Page [online]. IAL Digital Entertainment [retrieved on 8/21/2001] Retrieved from the Internet:<URL:http://www.developer.intel.com/ial/home/digentertain/edb.htm. Pages 1-3.	

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		Examiner Name	Gary Au
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
GA		Hartmut Wittig, et al., "Intelligent Media Agents in Interactive Television Systems", Proceedings of the International Conference on Multimedia Computing and Systems, Los Alamitos, CA. May 15,1995. Pages 182-189, XP000603484.	
GA		Internet Protocol (IP) Multicast Technology Overview. White paper [online]. Cisco Systems, Inc. Posted June 27,2001.[retrieved from the Internet:<URL:http://www.cisco.com/warp/public/cc/pd/iosw/tech/ipmu_ov.htm. Pages 1-16.	
GA		"What is Replay TV? Introducing the new ReplayTV 2020". ReplayTV, Web Page[online]. ReplayTV[retrieved on March 21,2000] Retrieved from the Internet: URL:<http://www.replaytv.com/overview/index.htm. Page 1.	
GA		"Features. Your Time, Your Schedule". ReplayTV, Web Page [online].[retrieved on March 21,2000] Retrieved from the Internet:<URL:http://www.replaytv.com/overview/features.htm. Pages 1-2.	
GA		Frequently Asked Questions. Will ReplayTV make me more popular? And other frequently asked questions. ReplayTV, Web Page[online]. [retrieved on March 21,2000] Retrieved from the internet:<URL:http://www.replaytv.com/overview/faqs.htm. Pages 1-4.	
GA		ReplayTV: Features/Benefits. ReplayTV, Web Page[online]. [retrieved on March 21,2000] Retrieved from the internet<URL:hhttp://www.replaytv.com/overview/details.htm. Pages 1-3.	
GA		Competitive Differences. ReplayTV, Web Page. [online] [retrieved on March 21,2000] Retrieved from the Internet<URL:http://www.replaytv.com/overview/differences.htm. Pages 1-2.	

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GA		Technical Specifications. ReplayTV, Web Page. [online] [retrieved on March 21,2000] Retrieved from the internet<URL:http://www.replaytv.com/overview/techspecs.htm. Page 1.	
GA		A better Way to WATCH TV. What is TiVo? Web Page. [online] [retrieved on March 21,2000] Retrieved from the internet<URL://www.tivo.com/what/intro.html. Page 1.	
GA		Control LIVE TV. What is TiVo? Web Page. [online] [retrieved on March 21,2000] Retrieved from the internet<URL:http://www.tivo.com/what/intro2.html. Page 1.	
GA		Something GOOD is Always On. What is TiVo? Web Page. [online] [retrieved on March 21,2000] Retrieved from the internet<URL:http://www.tivo.com/what/intro3.html. Page 1.	
GA		Channel SURF in a Whole New Way. What is TiVo? Web Page. [online] [retrieved on March 21,2000] Retrieved from the internet<URL:hhttp://www.tivo.com/what/intro4html. Page 1.	
GA		DIGITAL Recordings without the Tape. What is TiVo? Web Page. [online] [retrieved on March 21,2000.] Retrieved from the internet<URL:http://www.tivo.com/what/intro5.html. Page 1.	
GA		What you want, When you Want it.™ What is TiVo? Web Page. [online] [retrieved on March 21,2000] Retrieved from the internet<URL:http://www.tivo.com/what/how.html. Page 1.	

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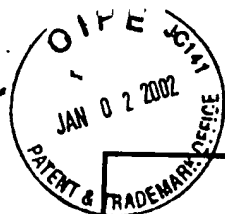
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GA		PRODUCT Specifications. What is TiVo? Web Page. [online] [retrieved on March 21,2000] Retrieved from the internet<URL:http://www.tivo.com/what/how2html. Page 1.	
GA		Frequently asked questions. What is TiVo? Web Page. [online] [retrieved on March 21,2000] Retrieved from the internet<URL:http://www.tivo.com/what/faq_sub.html. Pages 1-9.	
GA		SMYTH, B. et al. A Personalized Television Listings Service; Communications of the ACM. August 2000, Vol 43, No. 8. Pages 107-111.	
GA		HASKELL, BARRY G. et al., Digital Video: An Introduction to MPEG - 2; 1997; Chapman & Hall; New York, NY. Pgs. 280-283.	
GA		Pct International Search Report, PCT/US02/29091, March 4, 1993	

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Form PTO-1449 (Modified)		Atty Docket No. 42390P11870	Application No. 09/941,424
<i>List of Patents & Publications Statement</i>		Applicant(s): Curtis E. Jutzi	
(Use several sheets if necessary)		Filing Date: August 28, 2001	Group No.: 2643

U.S. PATENT DOCUMENTS

Exam. Initials		Document Number	Date	Name	Class	Sub-class	Filing Date (if appropriate)
GA	AA	09/533,024		Jay Connelly			3/22/2000
GA	AB	09/832,421		Jay Connelly			3/29/2001
GA	AC	09/967,829		Curtis Jutzi, et al.			9/28/2001
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

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	AN							
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	AP							
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